



TRANSMITTAL FORM

Application Serial Number	09/591,706
Filing Date	June 9, 2000
First Named Inventor	Nordstrom
Group Art Unit	3737
Examiner Name	Not Yet Assigned
Attorney Docket No.	MDS-012
BATCH NO. (after allowance)	Not applicable
Patent No.	Not applicable
Issue Date	Not applicable

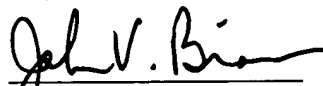
ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences
<input type="checkbox"/> Amendment/Response <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets _____]	<input type="checkbox"/> Formal Drawing(s)	<input type="checkbox"/> Appeal Brief (in triplicate)
<input type="checkbox"/> Petition for Extension of Time	<input type="checkbox"/> Request For Continued Examination (RCE) Transmittal	<input type="checkbox"/> Status Inquiry
<input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations	<input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)	<input checked="" type="checkbox"/> Return Receipt Postcard
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8
<input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above	<input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application	<input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8
	<input type="checkbox"/> Small Entity Statement	<input type="checkbox"/> Additional Enclosure(s) (please identify below)
	<input type="checkbox"/> CD(s) for large table or computer program	
	<input type="checkbox"/> Amendment After Allowance	
	<input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	

CORRESPONDENCE ADDRESS

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Respectfully submitted,

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PATENT
Attorney Docket No. MDS-012

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Nordstrom et al.
SERIAL NO.: 09/591,706 GROUP NO.: 3737
FILING DATE: June 9, 2000 EXAMINER: Not Yet Assigned
TITLE: An Optical Probe Accessory Device for Use in In Vivo Diagnostic Procedures

Assistant Commissioner for Patents
Washington, D.C. 20231

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are enclosed.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or

- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

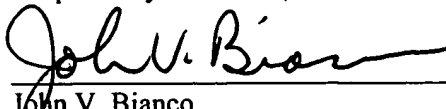
Applicants believe that no fee is due with this submission, but if a fee is due, the Director of U.S. Patent and Trademarks is authorized to charge deposit account no. 20-0531 for such fee.

Date: September 28, 2001
Reg. No. 36,748

Tel. No.: (617) 248-7870
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2186384

Respectfully submitted,



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FORM PTO - 144

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: MDS-012

APPLICANT(S): Nordstrom et al.

SERIAL NO.: 09/591,706

FILING DATE: June 9, 2000

GROUP: 3737

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	A5	3,013,467	12/19/61	Minsky	88	14	
	A6	3,809,072	5/7/74	Ersek et al.	128	23	
	A7	4,017,192	4/12/77	Rosenthal et al	356	201	
	A8	4,198,571	4/15/80	Sheppard	250	571	
	A9	4,254,421	3/3/81	Kreutel, Jr.	343	754	
	A10	4,357,075	11/2/82	Hunter	350	294	
	A11	4,397,557	8/9/83	Herwig et al.	356	342	
	A12	4,662,360	5/5/87	O'Hara et al.	128	9	
	A13	4,733,063	3/22/88	Kimura et al.	250	201	
	A14	4,753,530	6/28/88	Knight et al.	356	73	
	A15	4,768,513	9/6/88	Suzuki	128	634	
	A16	4,844,617	7/4/89	Kelderman et al.	356	372	
	A17	4,845,352	7/4/89	Benschop	250	201	
	A18	4,852,955	8/1/89	Doyle et al.	350	1.2	
	A19	4,877,033	10/31/89	Seitz, jr.	128	660.05	
	A20	4,878,485	11/07/89	Adair	128	6	
	A21	4,891,829	1/2/90	Deckman et al.	378	4	
	A22	4,930,516	6/5/90	Alfano et al.	128	665	
	A23	4,945,478	7/31/90	Merickel et al.	364	413.22	
	A24	4,965,441	10/23/90	Picard	250	201.3	
	A25	4,972,258	11/20/90	Wolf et al.	358	93	
	A26	4,974,580	12/04/90	Anapliotis	128	4	
	A27	4,979,498	12/25/90	Oneda et al.	128	6	
	A28	4,997,242	3/5/91	Amos	350	6.91	
	A29	5,003,979	4/2/91	Merickel et al.	364	413.22	
	A30	5,011,243	4/30/91	Doyle et al.	350	1.2	
	A31	5,022,757	6/11/91	Modell	356	318	

EXAMINER

DATE CONSIDERED



FORM PTO - 1 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTORNEY DOCKET NO.: MDS-012 APPLICANT(S): Nordstrom et al. SERIAL NO.: 09/591,706 FILING DATE: June 9, 2000 GROUP: 3737
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EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A32	5,028,802	7/2/91	Webb et al.	250	571	
	A33	5,032,720	7/16/91	White	250	236	
	A34	5,034,613	7/23/91	Denk et al.	250	458.1	
	A35	5,036,853	8/6/91	Jeffcoat et al.	128	634	
	A36	5,042,494	8/27/91	Alfano	128	665	
	A37	5,054,926	10/8/91	Dabbs et al.	356	345	
	A38	5,065,008	11/12/91	Hakamata et al.	250	216	
	A39	5,071,246	12/10/91	Blaha et al.	351	221	
	A40	5,074,306	12/24/91	Green et al.	128	664	
	A41	5,083,220	1/21/92	Hill	359	234	
	A42	5,091,652	2/25/92	Mathies et al.	250	458.1	
	A43	5,120,953	6/9/92	Harris	250	227.20	
	A44	5,122,653	6/16/92	Ohki	250	216	
	A45	5,132,526	7/21/92	Iwasaki	250	201.3	
	A46	5,139,025	8/18/92	Lewis et al.	128	665	
	A47	5,154,166	10/13/92	Chikama	128	4	
	A48	5,159,919	11/03/92	Chikama	128	4	
	A49	5,161,053	11/3/92	Dabbs	359	384	
	A50	5,162,641	11/10/92	Fountain	250	201.2	
	A51	5,162,941	11/10/92	Favro et al.	359	386	
	A52	5,168,157	12/1/92	Kimura	250	234	
	A53	5,192,980	3/9/93	Dixon et al.	356	326	
	A54	Re. 34,214	4/6/93	Carlsson et al.	358	93	
	A55	5,201,318	4/13/93	Rava et al.	128	665	
	A56	5,201,908	4/13/93	Jones	128	4	
	A57	5,225,671	7/6/93	Fukuyama	250	216	
	A58	5,235,457	8/10/93	Lichtman et al.	359	368	
	A59	5,237,984	8/24/93	Williams, III et al.	128	4	

EXAMINER	DATE CONSIDERED
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FORM PTO - 1449				ATTORNEY DOCKET NO.: MDS-012			
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Nordstrom et al.			
				SERIAL NO.: 09/591,706			
				FILING DATE: June 9, 2000		GROUP: 3737	
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A60	5,239,178	8/24/93	Derndinger et al.	250	234	
	A61	5,248,876	9/28/93	Kerstens et al.	250	561	
	A62	5,260,569	11/9/93	Kimura	250	234	
	A63	5,260,578	11/9/93	Bliton et al.	250	461.1	
	A64	5,261,410	11/16/93	Afano et al.	128	664	
	A65	5,262,646	11/16/93	Booker et al.	250	341	
	A66	5,274,240	12/28/93	Mathies et al.	250	458.1	
	A67	5,284,149	2/8/94	Dhadwal et al.	128	665	
	A68	5,286,964	2/15/94	Fountain	250	201.2	
	A69	5,294,799	3/15/94	Aslund et al.	250	458.1	
	A70	5,296,700	3/22/94	Kumagai	250	216	
	A71	5,303,026	4/12/94	Strobl et al.	356	318	
	A72	5,306,902	4/26/94	Goodman	250	201.3	
	A73	5,313,567	5/17/94	Civanlar et al.	395	124	
	A74	5,319,200	6/7/94	Rosenthal et al.	250	341	
	A75	5,321,501	6/14/94	Swanson et al.	356	345	
	A76	5,324,979	6/28/94	Rosenthal	250	504R	
	A77	5,325,846	7/5/94	Szabo	128	4	
	A78	5,329,352	7/12/94	Jacobsen	356	301	
	A79	5,343,038	8/30/94	Nishiwaki et al.	250	234	
	A80	5,345,306	9/6/94	Ichimura et al.	356	346	
	A81	5,398,685	3/21/95	Wilk et al.	128	653.1	
	A82	5,402,768	4/4/95	Adair	128	4	
	A83	5,406,939	4/18/95	Bala	128	4	
	A84	5,413,092	5/9/95	Williams, III et al.	128	4	
	A85	5,413,108	5/9/95	Alfano	128	665	

EXAMINER

DATE CONSIDERED



FORM PTO - 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				ATTORNEY DOCKET NO.: MDS-012 APPLICANT(S): Nordstrom et al. SERIAL NO.: 09/591,706 FILING DATE: June 9, 2000 GROUP: 3737			
EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	A86	5,415,157	Welcome	128	4		
	A87	5,418,797	Bashkansky et al.	372	3		
	A88	5,419,311	Yabe et al.	128	4		
	A89	5,421,337	Richards-Kortum et al.	128	665		
	A90	5,421,339	Ramanujam et al.	128	665		
	A91	5,451,931	Muller et al.	340	630		
	A92	5,458,132	Yabe et al.	128	4		
	A93	5,458,133	Yabe et al.	600	121		
	A94	5,477,382	Pernick	359	559		
	A95	5,480,775	Ito et al.	435	7.2		
	A96	5,493,444	Khoury et al.	359	559		
	A97	5,507,295	Skidmore	600	121		
	A98	5,516,010	O'Hara et al.	600	122		
	A99	5,529,235	Bolarski et al.	227	175.1		
	A100	5,536,236	Yabe et al.	600	125		
	A101	5,545,121	Yabe et al.	600	121		
	A102	5,551,945	Yabe et al.	600	122		
	A103	5,556,367	Yabe et al.	600	124		
	A104	5,587,832	Krause	359	385		
	A105	5,596,992	Haaland et al.	128	664		
	A106	5,609,560	Ichikawa et al.	600	101		
	A107	5,623,932	Ramanujam et al.	128	665		
	A108	5,662,588	Lida	600	121		
	A109	5,685,822	Harhen	600	125		
	A110	5,693,043	Kittrell et al.	606	15		
	A111	5,695,448	Kimura et al.	600	121		
	A112	5,707,343	O'Hara et al.	600	121		
	A113	5,713,364	DeBaryshe et al.	128	664		

EXAMINER	DATE CONSIDERED
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FORM PTO - 1449				ATTORNEY DOCKET NO.: MDS-012			
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Nordstrom et al.			
				SERIAL NO.: 09/591,706			
				FILING DATE: June 9, 2000		GROUP: 3737	
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A114	5,730,701	3/24/98	Furukawa et al.	600	127	
	A115	5,733,244	3/31/98	Yasui et al.	600	127	
	A116	5,746,695	5/5/98	Yasui et al.	600	127	
	A117	5,768,333	6/16/98	Abdel-Mottaleb	378	37	
	A118	5,769,792	6/23/98	Palcic et al.	600	477	
	A119	5,795,632	8/18/98	Buchalter	428	35.2	
	A120	5,800,350	9/1/98	Coppleson et al.	600	372	
	A121	5,807,248	9/15/98	Mills	600	322	
	A122	5,813,987	9/29/98	Modell et al.	600	473	
	A123	5,817,015	10/6/98	Adair	600	121	
	A124	5,833,617	11/10/98	Hayashi	600	476	
	A125	5,855,551	1/5/99	Sklandnev et al.	600	372	
	A126	5,860,913	1/19/99	Yamaya et al.	600	127	
	A127	5,865,726	2/2/99	Katsurada et al.	600	127	
	A128	5,876,329	3/2/99	Harhen	600	125	
	A129	6,104,945	8/15/00	Modell et al.	600	473	
	A130	6,119,031	9/12/00	Crowley	600	407	
	A131	6,146,897	11/14/00	Cohenford et al.	436	63	
	A132	6,169,817 B1	1/2/01	Parker et al.	382	131	

EXAMINER

DATE CONSIDERED



FORM PTO - 449

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: MDS-012

APPLICANT(S): Nordstrom et al.

SERIAL NO.: 09/591,706

FILING DATE: June 9, 2000

GROUP: 3737

FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B3	1 223 092	4/7/86	SU				In English	N
	B4	0 280 418	8/31/88	EP					Y
	B5	0 335 725	10/4/89	EP					Y
	B6	0 474 264	3/11/92	EP					Y
	B7	0 641 542	3/8/95	EP					Y
	B8	0 689 045	12/27/95	EP					Y
	B9	WO 94/26168	11/24/94	PCT					Y
	B10	WO 95/04385	2/9/95	PCT					Y
	B11	WO 97/05473	2/13/97	PCT					Y
	B12	WO 98/30889	2/13/97	PCT					Y
	B13	WO 98/41176	9/24/98	PCT					Y

EXAMINER

DATE CONSIDERED



FORM PTO 449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		ATTORNEY DOCKET NO.: MDS-012 APPLICANT(S): Nordstrom et al. SERIAL NO.: 09/591,706 FILING DATE: June 9, 2000 GROUP: 3737
OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	C1	P. Davidovits et al. "Scanning Laser Microscope for Biological Investigations", Applied Optics, Vol. 10, No. 7, pp. 1615-1619, July 1971.
	C2	C.J.R. Sheppard et al. "Depth of Field in the Scanning Microscope", Optics Letters, Vol. 3, No. 3, September 1978, pp. 115-117.
	C3	C.J. Koester, "Scanning Mirror Microscope with Optical Sectioning Characteristics: Applications in Ophthalmology", Applied Optics. Vol. 19, No. 11, June 1980, pp. 1749-1757.
	C4	T. Wilson., "The Role of the Pinhole in Confocal Imaging Systems", Confocal Microscopy Handbook, pp. 99-113.
	C5	C. Koester, "Comparison of Optical Sectioning Methods: The Scanning Slit Confocal Microscope", Confocal Microscopy Handbook, pp. 189-194.
	C6	Jeffrey W. Hall, et al. "Near-Infrared Spectrophotometry: A New Dimension in Clinical Chemistry", Clin. Chem 38/9, 1623-1631 (1992).
	C7	Kevin T. Schomacker, et al. "Ultraviolet Laser-Induced Fluorescence of Colonic Tissue; Basic Biology and Diagnostic Potential", Lasers in Surgery and Medicine, 12: 63-78, (1992).
	C8	S. Schwartz, "Real-time laser-scanning Confocal ratio imaging", American Laboratory, pp. 53-62 April 1993.
	C9	R. Richards-Kortum et al. "Description and Performance of a Fiber-optic Confocal Fluorescence Spectrometer, Applied Spectroscopy, Vol. 48, No. 3 pp. 350-355. (1994).
	C10	J.M. Schmitt et al. "Interferometric Versus Confocal Techniques for Imaging Microstructures in Turbid Biological Media", Proc. SPIE, 2135 (1994), pp. 1-12.
	C11	N. Ramanujam et al. "Fluorescence Spectroscopy; A Diagnostic Tool for Cervical Intraepithelial Neoplasia (CIN), Gynecologic Oncology 52, pp. 31-38 (1994).
	C12	S.G. Anderson, "Confocal Laser Microscopes See A Wider Field of Application", Laser Focus World, pp. 83-86, February 1994.
	C13	J.M. Schmitt et al. "Confocal Microscopy in Turbid Media", J. Opt. Soc. Am., Vol. 11, pp. 2225-2235, August 1994.
	C14	N. Ramanujam et al. "In vivo diagnosis of cervical intraepithelial neoplasia using 337-nm-excited laser-induced fluorescence", Pro. Natl. Acad. Sci. USA, Vol. 91, pp. 10193-10197, October 1994.

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EXAMINER	DATE CONSIDERED
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